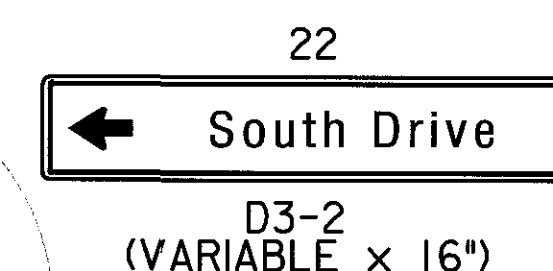
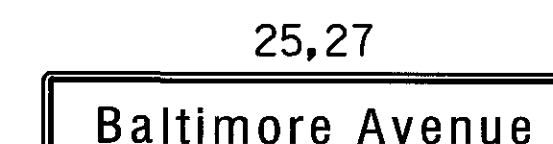
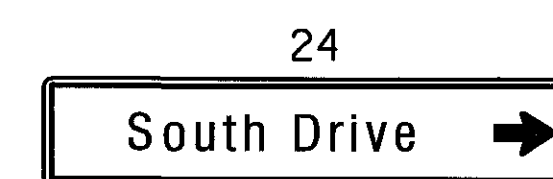
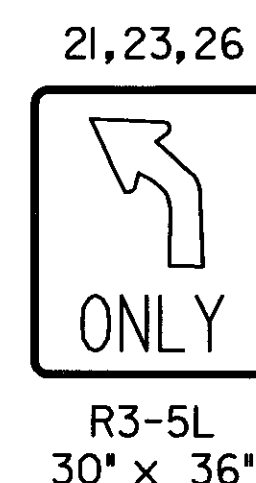


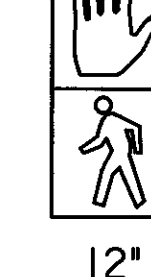
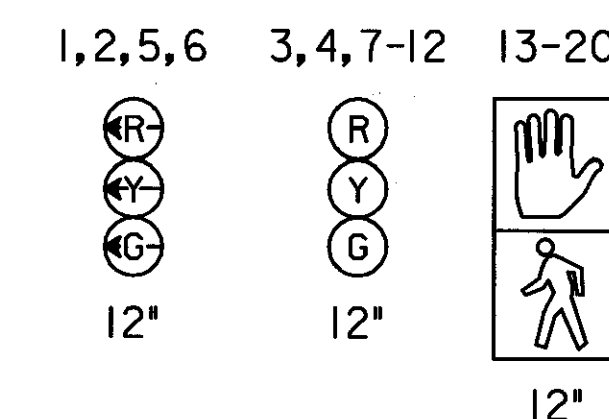
CONSTRUCTION DETAILS

- INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN HEADS, PUSHBUTTON, SIGNS, 20 FT. STREET LIGHTING ARM, AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, PEDESTRIAN HEADS, PUSHBUTTON, SIGNS, 20 FT. STREET LIGHTING ARM, AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNALS, PUSHBUTTON, AND SIGN (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- INSTALL 2-4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUITS (TRENCHED)
- "NOT NEEDED"
- INSTALL 3 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
- INSTALL HANDHOLE.
- INSTALL OVERHEAD VIDEO DETECTION CAMERA.
- "NOT NEEDED"
- REMOVE EXISTING BASE MOUNTED CONTROLLER CABINET.

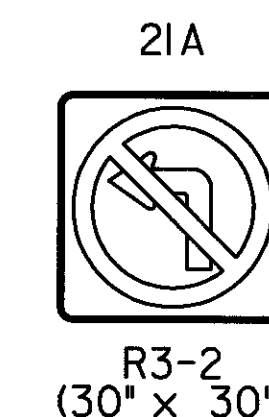
SIGNS



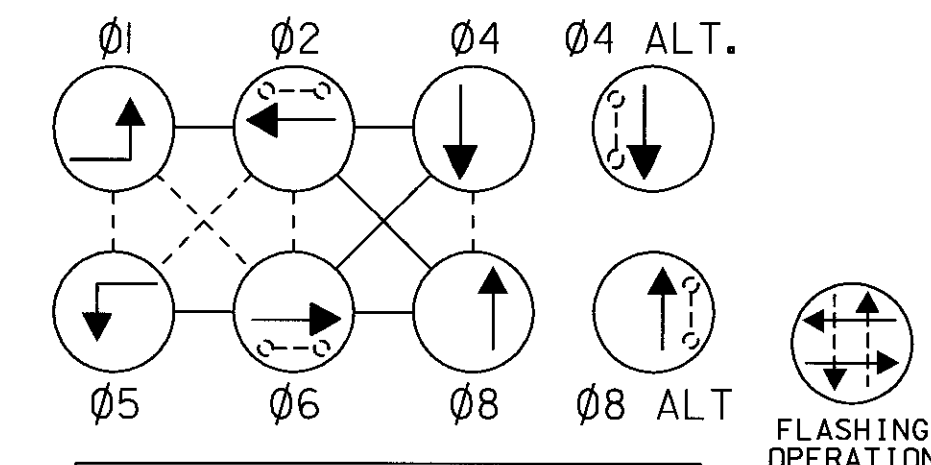
SIGNALS



TEMPORARY SIGNS



NEMA PHASING



PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

FLASHING OPERATION

US RT. 1 (BALTIMORE AVE.) IS ASSUMED TO RUN IN AN NORTH-SOUTH DIRECTION

REFER TO INTERCONNECT PLANS

US RT. 1 (BALTIMORE AVENUE)

US RT. 1 (BALTIMORE AVENUE)

- INSTALL BASE MOUNTED CONTROLLER CABINET AND ELECTRICAL SERVICE EQUIPMENT FOR UNDERGROUND FEED.
- INSTALL 21 FT. STEEL POLE WITH 50 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN HEAD, AND SIGN (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- REMOVE EXISTING STEEL POLE, MAST ARM, SIGNAL HEADS, PEDESTRIAN HEADS, PUSHBUTTON AND SIGN.
- REMOVE EXISTING STEEL POLE, MAST ARM, SIGNAL HEADS, PEDESTRIAN HEAD, PUSHBUTTON AND SIGN (NOTE: FOUNDATION TO BE REMOVED 12" BELOW GRADE).
- REMOVE EXISTING STEEL POLE, MAST ARMS, SIGNAL HEADS, PEDESTRIAN HEAD, PUSHBUTTON AND SIGNS (NOTE: FOUNDATION TO BE REMOVED 12" BELOW GRADE).
- REMOVE EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE.
- ABANDON EXISTING CONDUIT.
- ABANDON EXISTING HANDHOLE.
- ABANDON EXISTING LOOP DETECTOR.
- NEW UTILITY POLE REPLACING POLE NO. 821433-6148.

CONSTRUCTION NOTES

- EXISTING SIGNAL OPERATIONS TO BE MAINTAINED AT ALL TIMES
- SIGNAL HEAD LOCATIONS TO BE VERIFIED BY FIELD ENGINEER
- CONTRACTOR SHALL HAVE CATALOG CUTS APPROVED BY THE OFFICE OF TRAFFIC AND SAFETY PRIOR TO PURCHASING EQUIPMENT
- REFER TO SIGNING AND PAVEMENT MARKING PLAN FOR SIGNS AND PAVEMENT MARKINGS
- SIGNAL HEADS 1, 2, 5 & 6, PEDESTRIAN HEADS 13-20 & SIGNS 21, 23 & 26 TO BE COVERED IN BLACK UNTIL FINAL PAVEMENT MARKINGS (MOT PHASE ULTIMATE)

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TS-1

ENGINEERING-PLANNING-EARTH SCIENCES-SURVEYING
GREENHORNE & O'MARA, INC.
810 GLENEAGLES COURT, SUITE 106, BALTIMORE, MARYLAND 21286
(410) 583-6700
ANNAPOLIS, MD - BALTIMORE, MD - ATLANTA, GA - TAMPA, FL - FAIRFAX, VA - WEST PALM BEACH, FL
ROCKVILLE, MD - RALEIGH, NC - FREDERICKSBURG, VA - MECHANICSBURG, PA - ST. PETERSBURG, FL

REVISIONS	APPROVALS
① MAST ARMS RELOCATED DUE TO GEOMETRIC IMPROVEMENTS 7/02	ORIGINAL ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ON ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	F.L.E. DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
Traffic Signal Plan (MOT Phases 1A, 1B & 2)
US RT. 1 (BALTIMORE AVENUE) & SOUTH DRIVE/BARC

DRAWN BY: RICHARDSON	F.A.P. NO. U-902-1(22)	TS NO. 998 A	SHEET NO. 13 OF 22
CHECKED BY:	S.H.A. NO. P-323-003-385	T.I.M.S. NO.	
SCALE: 1" = 20'	COUNTY: PRINCE GEORGE'S		
DATE: AUGUST 3, 1973	LOG MILE: 16000166.75		